

GENERAL SUBJECT:		NUMBER:
Revision of TL Forms		MD 249-05
SPECIFIC SUBJECT:		DATE:
Addition of Calibration Date for Nuclear Density Gauge		April 27, 2005
DIRECTED TO:	SIGNATURE:	
District Administrators	Andrew Mergenmeier, PE	
	Signature on original copy of memorandum	

The following forms have been updated to include a space for the calibration date of the Nuclear Density Gauge.

TL 54 – Report of Nuclear Control Strip

TL 55 - Report of Nuclear Test Section

 $TL\ 56-Asphalt\ Nuclear\ Density\ Thin\ Lift\ Roller\ Pattern$ - Worksheet

TL 57 – Asphalt Nuclear Density Thin Lift Roller Pattern - Graph

TL 58 - Asphalt Nuclear Density Thin Lift Worksheet Control Strip Target Density

TL 59 - Asphalt Nuclear Density Test Section

TL 124 – Report of Nuclear Embankment Densities (Unit Masses)

In addition to these changes the TL 56 and TL 57 were renamed, as above, to provide more clarity. These two forms were both previously named Asphalt Nuclear Density Thin Lift Worksheet Roller Pattern.

These forms may be downloaded from the Internet at http://www.extranet.vdot.state.va.us/forms/

These changes are a result of a Construction Quality Improvement Program, CQIP, finding that there was lack of evidence that the nuclear gauge had been calibrated within the required time frame. CQIP concurred that including the calibration date on the form would be adequate evidence of calibration.

It should be noted that the thin lift gauge is calibrated every 12 months, while the moisture-density gauge is calibrated every 24 months. Calibrations are typically noted on the gauge, or in the accompanying documentation.

cy: Commissioner

Chief Engineer

Division Administrators

Resident Engineers

District Materials Engineers

District Construction Engineers

District Maintenance Engineers

American Concrete Paving Association

NE Chapter, Southern Region

Virginia Asphalt Association

Virginia Dept. of Minority Business Enterprise

Virginia Ready-Mixed Concrete Association

Federal Highway Administration

Virginia Transportation Construction Alliance

Precast Concrete Association of Virginia